Name : Yttrium

Symbol : Y

Atomic number (Z) : 39

Atomic mass : 88.90584

Group : 3

Period : 5

block : d

Color : Silver

Phase : Solid

Oxidation states : 3, 2, 1

Electronegativity : Pauling scale: 1.22

Melting point : 1799 K (1526 °C, 2779 °F)

Boiling point : 3203 K (2930 °C, 5306 °F)

Density at stp : 4.472 g/cm3

Triple point :

Critical point :

Heat of fusion : 11.42 kJ/mol

Heat of vaporization : 363 kJ/mol

Molar heat capacity : 26.53 J/(mol•K)

Ionization energies : 1st: 600 kJ/mol

Covalent radius : 190±7 pm

Van der Waals radius :

Speed of sound : 3300 m/s (at 20 °C)

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : paramagnetic

Discovery : Johan Gadolin (1794)

Naming: after Ytterby, Sweden and its mineral ytterbite (gadolinite)